

Converting Colors

CIELCh(90, 75.315, 145.563)

Have a look what the booklet for
CIELCh(90, 75.315, 145.563)
contains.

CIELCh(90, 75.210, 145.585)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(90, 75.210, 145.585)

Conversions

Conversions Part 1

Format	Color
Hex	6EFE8D
RGB	110, 254, 141
RGB Percent	43%, 100%, 55%
CMY	0.5676, 0.0029, 0.4462
CMYK	0.57, 0.00, 0.44, 0.00
HSL	133°, 99%, 71%
HSV	133°, 57%, 100%
XYZ	46.8088, 76.3034, 37.5483
YIQ	198.0620, -49.5510, -65.6710

Conversions

Conversions Part 2

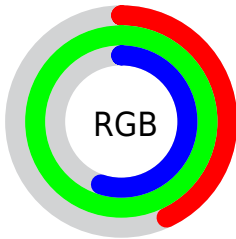
Format	Color
RYB	110, 228, 254
Decimal	7274125
CIELab	90.00, -62.05, 42.51
CIELCh	90, 75.210, 145.585
Yxy	76.3034, 0.2914, 0.4749
Android (android.graphics.Color)	4285464205 (0xFF6EFE8D)
YUV	198.0620, -28.1316, -77.2304
Hunter-Lab	87.3518, -57.2136, 35.6604

Details

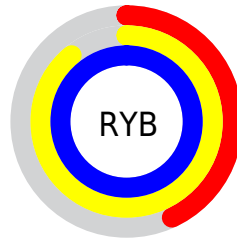
The CIELCh color **90, 75.210, 145.585** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **68, 74.613, 335.027**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 42.401, 151.431**, and **70, 74.977, 145.668** is the 20% darker color. If you saturate the color by 10%, you get **89, 86.376, 144.099**, and if you desaturate by 10%, it is **91, 62.971, 146.903**.

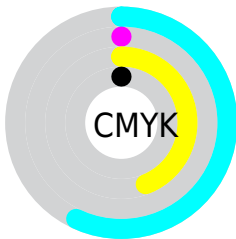
Distribution



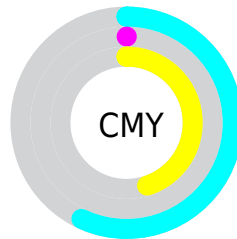
- Red (43%)
- Green (100%)
- Blue (55%)



- Red (43%)
- Yellow (89%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 75.210, 145.585 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 90, 75.210, 145.585 by changing the saturation by 10% instead.


 90, 75.210,
145.585


 90, 75.210,
145.585


 100, 75.210,
145.585


 80, 75.210,
145.585

 70, 75.210,
145.585

 60, 75.210,
145.585


 50, 75.210,
145.585


 40, 75.210,
145.585


 30, 75.210,
145.585


 20, 75.210,


145.585


 10, 75.210,
145.585


 0, 75.210, 145.585


 90, 75.210,
145.585


 90, 75.210,
145.585

 89, 86.376,
144.099


 91, 62.971,
146.903

 88, 96.170,
142.469

 93, 49.962,
148.053

 88, 104.333,
140.755

 94, 36.473,
149.048

 88, 110.671,
139.064

 96, 22.757,
149.908

■ 88, 112.426,
138.555

■ 98, 9.025, 150.669
100, 0.473,
323.804

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90, 75.210, 145.585



68, 74.613, 335.027

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 75.210, 145.585



90, 75.210, 195.585



90, 75.210, 325.585



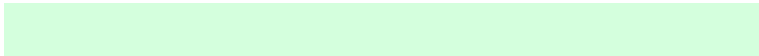
90, 75.210, 15.585

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90, 75.211, 145.585



96, 23.321, 149.878



95, 70.615, 114.296



51, 15.607, 149.714



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 75.211, 145.585



89, 88.010, 143.882



91, 49.727, 169.534



52, 7.773, 150.456



68, 90.122, 138.850



23, 39.080, 141.383

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68, 74.613, 335.027



64, 85.695, 335.971



65, 58.879, 4.313



50, 7.799, 331.635



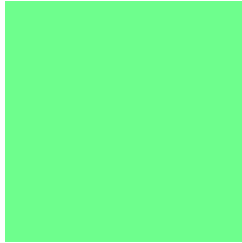
43, 78.801, 339.118



11, 36.954, 337.531

Previews

White Background



This preview shows how the CIE LCh color 90, 75.210, 145.585 looks on a white background.

Color Contrast Check

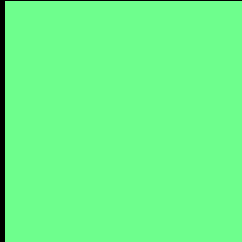
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 75.210, 145.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 75.210, 145.585

Background



This preview shows how black text looks on a background with the CIELCh color 90, 75.210, 145.585.

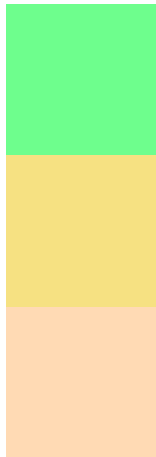


This preview shows how white text looks on a background with the CIELCh color 90, 75.210, 145.585.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
90, 75.210, 145.585

Protanopia
89, 49.090, 95.968

Deuteranopia
89, 24.633, 72.417

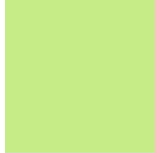


Tritanopia
90, 26.009, 217.983

Trichromacy



Original Color
90, 75.210, 145.585



Protanomaly
89, 53.701, 122.628



Deuteranomaly
88, 35.244, 125.802

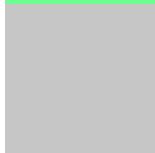


Tritanomaly
89, 37.464, 172.288

Monochromacy



Original Color
90, 75.210, 145.585



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 28.917, 149.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 75.210, 145.585 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 254, 141)` looks like.

```
.text, #text, p{  
    color:rgb(110, 254, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 254, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 254, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 75.210, 145.585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 254, 141) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 254, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 254, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 254, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 254, 141);  
box-shadow:4px 4px 4px 4px rgb(110, 254,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 75.210, 145.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 254, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
254, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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